

MAKERSPACE COLLABORATION BETWEEN BAYLOR UNIVERSITY LIBRARIES AND THE MAKER'S EDGE

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things collaborative maker environments tinkering
multidisciplinarity arrangement studio-based facility
entrepreneurs pedagogical equipment technology blend process
woodworking accelerators printing settings adults
structures boost cardboard printers robotics learned communities
value no-tech date work school
fuels library art formal
hands-on math fields skills
fostering tools machines
cultures help maker space
startups laser cnc 21st STEM
kids including space
products utilized learning
open business century spaces
valuing supplies success
self-confidence critical
nature coding Makerspaces
innovation electronics entrepreneurship seeing hybrid
incorporates participatory approach deeply
experience materials engagement multidisciplinary embedded
figuring





MAKER'S EDGE

MAKERSPACE



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CHRISTINA CHAN-PARK

BAYLOR TWO WEEK PASS
SINCE 2019



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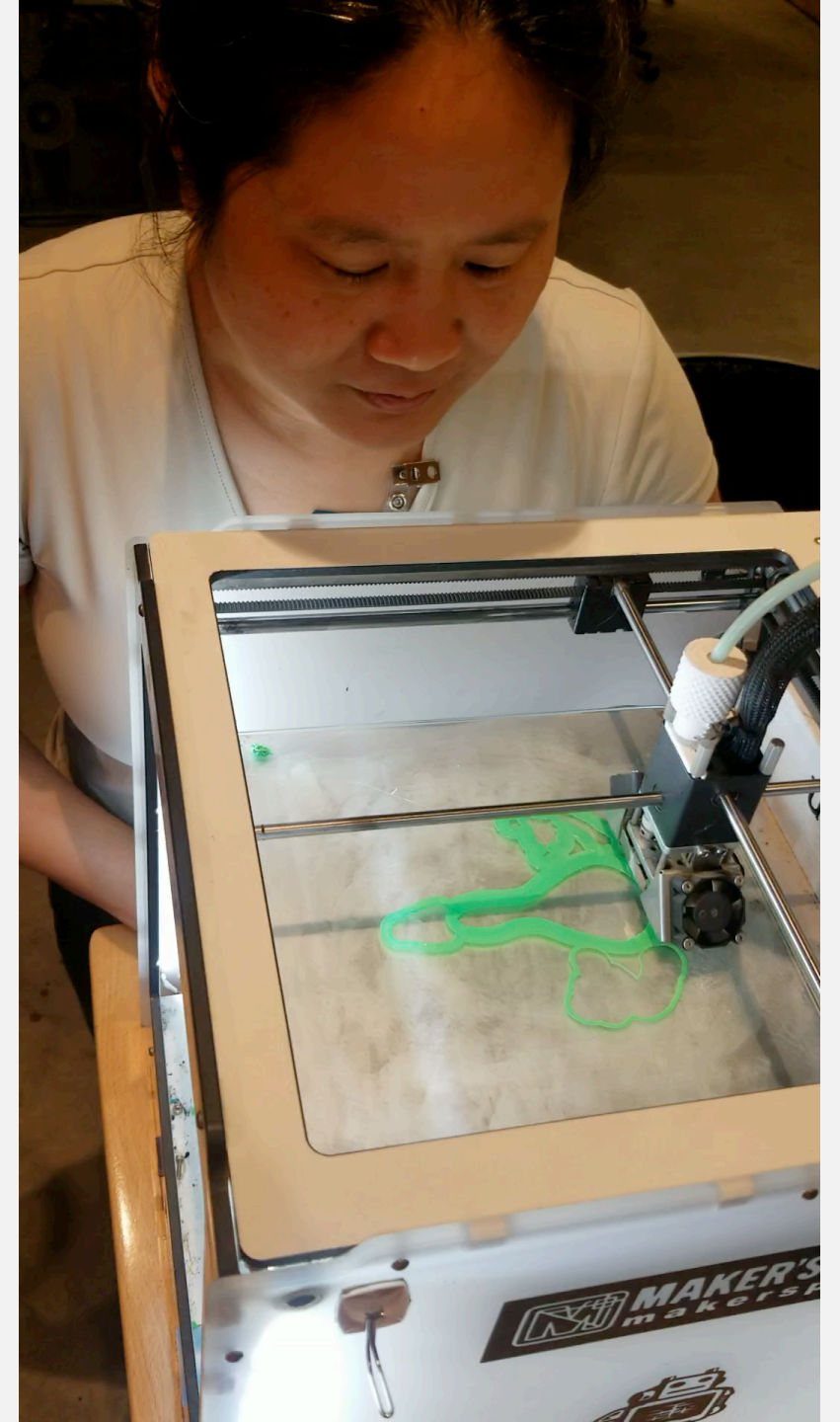
WOODWORKING







3D PRINTING AND FABRICATION

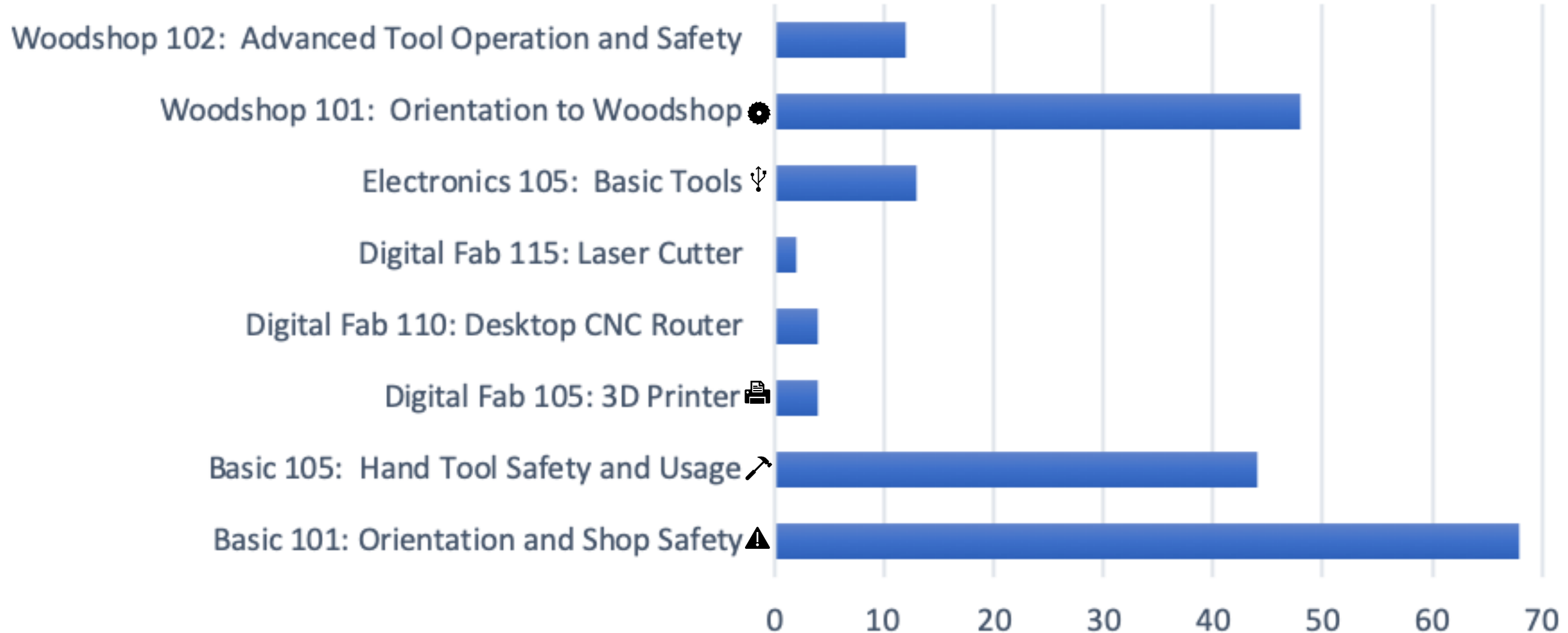




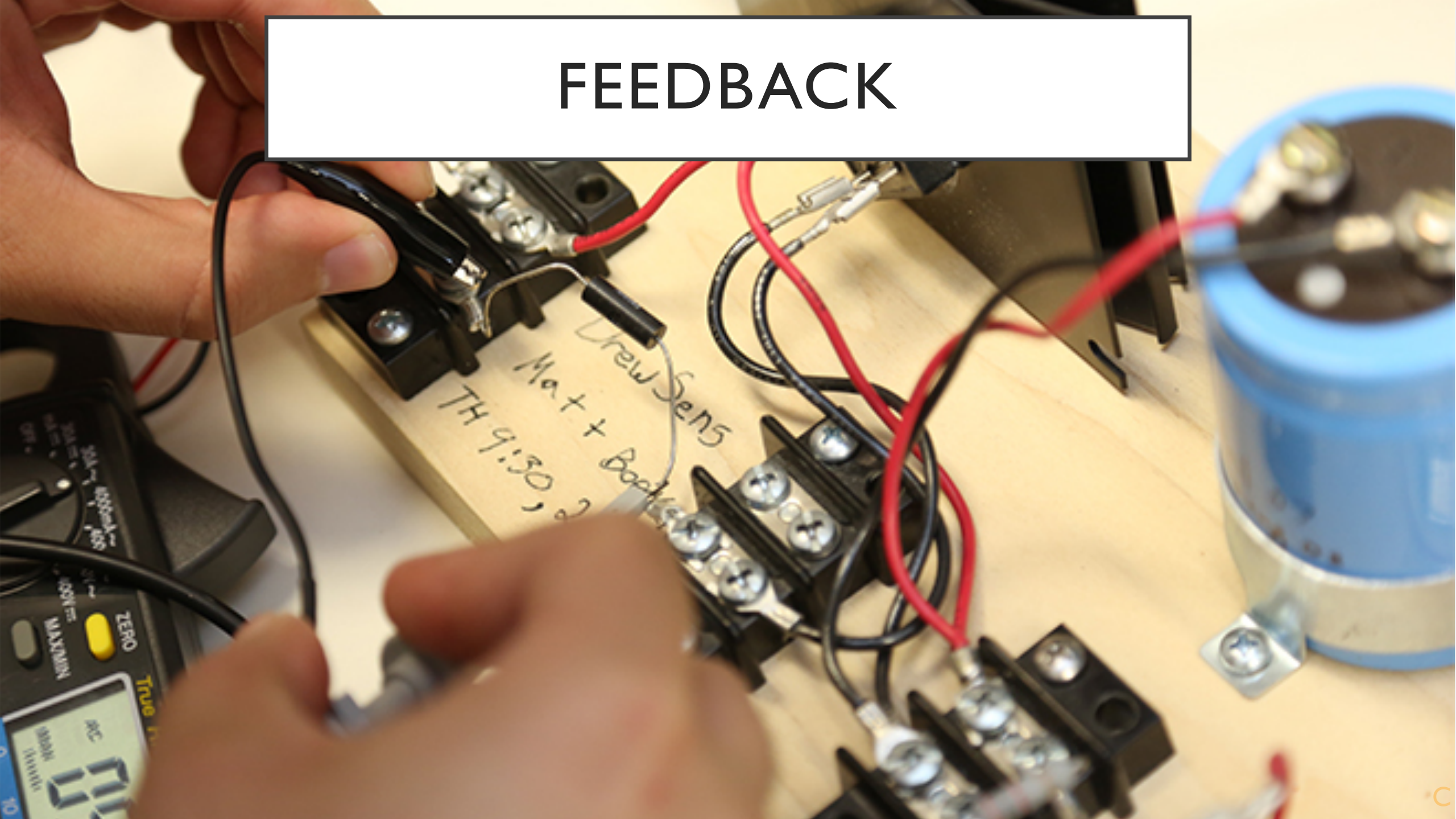
PASS STATISTICS

- June 2018: Initial purchase of 100 passes to cover year one
- December 2018: +50 passes
- February 2018: +100 passes for EGR capstone training and shop access
- June 2019: +100 passes for annual contract

Class Participation



FEEDBACK




YEAR ONE COSTS

- Moody library project: equipment, tools, supplies, and repurpose existing 12'-16' space. DIY repurposing project did not require renovation. **\$30,000**
- 200 two-week passes @ \$44/ea. = **\$8,800**
- No additional staffing

COST-BENEFIT OF COLLABORATION

Benefits:

- Low-risk 
- 0-60 VERY fast. High ceiling.
- Allows user populations to develop in year-one and plan build out based on discoveries

Costs:

- Much of the work is offsite
- Communication challenges with small-business vendor
- Vendors hard to leverage for on-campus needs

WE'RE GROWING

- Research Guides
- Maker and multimedia literacies woven in to wider library information literacy curriculum
- Key faculty partners outside EGR
- Maker curriculum and assessment tools
- Events, workshops
- Library makerspace open hours

QUESTIONS?



FREE TWO WEEK PASS

PROVIDED BY TECHPOINT AT BAYLOR

FOR ALL BAYLOR
FACULTY
STAFF
STUDENTS



MAKER'S EDGE
MAKERSPACE



SOURCES

Educause Publications. (2018). 2018 NMC Horizon Report. Retrieved from <https://library.educause.edu/resources/2018/8/2018-nmc-horizon-report>

Theresa Willingham and Jeroen De Boer. Makerspaces in Libraries. Library Technology Essentials; 4. Ellyssa Kroski, ed. Lanham: Rowman & Littlefield, 2015.